



Welcome United States Patent and Trademark Office

[Search Session History](#)[BROWSE](#)[SEARCH](#)[IEEE XPLORE GUIDE](#)

Wed, 1 Nov 2006, 11:11:37 AM EST

Edit an existing query or
compose a new query in the
Search Query Display.

Search Query Display

Select a search number (#)
to:

- Add a query to the Search Query Display
- Combine search queries using AND, OR, or NOT
- Delete a search
- Run a search

Recent Search Queries

- | | |
|---------------------|------------------------------------|
| #1 | ((bilateral* filter*)<in>metadata) |
| #2 | ((bilateral* filter*)<in>metadata) |
| #3 | ((bilateral* filter*)<in>metadata) |
| #4 | ((bilateral* filter*)<in>metadata) |
| #5 | ((bilateral* filter*)<in>metadata) |
| #6 | ((bilateral* filter*)<in>metadata) |
| #7 | ((bilateral* filter*)<in>metadata) |
| #8 | ((bilateral* filter*)<in>metadata) |
| #9 | ((bilateral* filter*)<in>metadata) |
| #10 | ((bilateral* filter*)<in>metadata) |

Indexed by
 Inspec®

[Help](#) [Contact Us](#) [Privacy &](#)

© Copyright 2006 IEEE –



Welcome United States Patent and Trademark Office

Search Results

BROWSE

SEARCH

IEEE XPLORE GUIDE

Results for "((bilateral* filter*)<in>metadata)"

Your search matched 30 of 1430374 documents.



A maximum of 100 results are displayed, 25 to a page, sorted by Relevance in Descending order.

» Search Options

[View Session History](#)[New Search](#)

Modify Search

((bilateral* filter*)<in>metadata)

☐ Check to search only within this results setDisplay Format: ☒ Citation ☐ Citation & Abstract

» Key

IEEE JNL IEEE Journal or Magazine

IEE JNL IEE Journal or Magazine

IEEE CNF IEEE Conference Proceeding

IEE CNF IEE Conference Proceeding

IEEE STD IEEE Standard

[view selected items](#)[Select All](#) [Deselect All](#)

- ☐ 1. **Separable bilateral filtering for fast video preprocessing**
Pham, T.Q.; van Vliet, L.J.;
[Multimedia and Expo, 2005. ICME 2005. IEEE International Conference on](#)
6-8 July 2005 Page(s):4 pp.
Digital Object Identifier 10.1109/ICME.2005.1521458
[AbstractPlus](#) | Full Text: [PDF](#)(280 KB) IEEE CNF
[Rights and Permissions](#)
- ☐ 2. **On the origin of the bilateral filter and ways to improve it**
Elad, M.;
[Image Processing, IEEE Transactions on](#)
Volume 11, Issue 10, Oct. 2002 Page(s):1141 - 1151
Digital Object Identifier 10.1109/TIP.2002.801126
[AbstractPlus](#) | [References](#) | Full Text: [PDF](#)(421 KB) IEEE JNL
[Rights and Permissions](#)
- ☐ 3. **Spatio-temporal photon density estimation using bilateral filtering**
Weber, M.; Milch, M.; Myszkowski, K.; Dmitriev, K.; Rokita, P.; Seidel, H.-P.;
[Computer Graphics International, 2004. Proceedings](#)
2004 Page(s):120 - 127
Digital Object Identifier 10.1109/CGI.2004.1309200
[AbstractPlus](#) | Full Text: [PDF](#)(454 KB) IEEE CNF
[Rights and Permissions](#)
- ☐ 4. **Color Image Diffusion Using Adaptive Bilateral Filter**
Jun Xie; Heng, P.A.;
[Engineering in Medicine and Biology Society, 2005. IEEE-EMBS 2005. 27th Annual International Conference of the](#)
01-04 Sept. 2005 Page(s):3433 - 3436
[AbstractPlus](#) | Full Text: [PDF](#)(296 KB) IEEE CNF
[Rights and Permissions](#)
- ☐ 5. **Fundamental relationship between bilateral filtering, adaptive smoothing, nonlinear diffusion equation**
Barash, D.;
[Pattern Analysis and Machine Intelligence, IEEE Transactions on](#)
Volume 24, Issue 6, June 2002 Page(s):844 - 847
Digital Object Identifier 10.1109/TPAMI.2002.1008390

[AbstractPlus](#) | [References](#) | [Full Text: PDF\(406 KB\)](#) [IEEE JNL](#)
[Rights and Permissions](#)

- ☐ **6. Analysis of the bilateral filter**
Elad, M.;
[Signals, Systems and Computers, 2002. Conference Record of the Thirty-Sixth Conference on](#)
Volume 1, 3-6 Nov. 2002 Page(s):483 - 487 vol.1
Digital Object Identifier 10.1109/ACSSC.2002.1197229
[AbstractPlus](#) | [Full Text: PDF\(558 KB\)](#) [IEEE CNF](#)
[Rights and Permissions](#)

- ☐ **7. Bilateral filtering for gray and color images**
Tomasi, C.; Manduchi, R.;
[Computer Vision, 1998. Sixth International Conference on](#)
4-7 Jan. 1998 Page(s):839 - 846
Digital Object Identifier 10.1109/ICCV.1998.710815
[AbstractPlus](#) | [Full Text: PDF\(1420 KB\)](#) [IEEE CNF](#)
[Rights and Permissions](#)

- ☐ **8. A Method For IR Point Target Detection Based on Spatial-temporal Bilateral Filtering**
Jihong Pei; Zongqing Lu; Weixin Xie;
[Pattern Recognition, 2006. ICPR 2006. 18th International Conference on](#)
Volume 3, 20-24 Aug. 2006 Page(s):846 - 849
Digital Object Identifier 10.1109/ICPR.2006.99
[AbstractPlus](#) | [Full Text: PDF\(176 KB\)](#) [IEEE CNF](#)
[Rights and Permissions](#)

- ☐ **9. Bilateral recovering of sharp edges on feature-insensitive sampled meshes**
Wang, C.C.L.;
[Visualization and Computer Graphics, IEEE Transactions on](#)
Volume 12, Issue 4, July-Aug. 2006 Page(s):629 - 639
Digital Object Identifier 10.1109/TVCG.2006.60
[AbstractPlus](#) | [Full Text: PDF\(3608 KB\)](#) [IEEE JNL](#)
[Rights and Permissions](#)

- ☐ **10. A novel Monte Carlo noise reduction operator**
Xu, R.; Pattanaik, S.N.;
[Computer Graphics and Applications, IEEE](#)
Volume 25, Issue 2, March-April 2005 Page(s):31 - 35
Digital Object Identifier 10.1109/MCG.2005.31
[AbstractPlus](#) | [Full Text: PDF\(920 KB\)](#) [IEEE JNL](#)
[Rights and Permissions](#)

- ☐ **11. Automatic correction of exposure problems in photo printer**
Safonov, I.V.; Rychagov, M.N.; KiMin Kang; Sang Ho Kim;
[Consumer Electronics, 2006. ISCE '06. 2006 IEEE Tenth International Symposium on](#)
28-01 June 2006 Page(s):1 - 6
[AbstractPlus](#) | [Full Text: PDF\(1392 KB\)](#) [IEEE CNF](#)
[Rights and Permissions](#)

- ☐ **12. Bilateral interpolation filters for image size conversion**
Seungjoon Yang; Kihyun Hong;
[Image Processing, 2005. ICIP 2005. IEEE International Conference on](#)
Volume 2, 11-14 Sept. 2005 Page(s):986 - 990
Digital Object Identifier 10.1109/ICIP.2005.1530223
[AbstractPlus](#) | [Full Text: PDF\(208 KB\)](#) [IEEE CNF](#)
[Rights and Permissions](#)

- ☐ **13. Noise suppression of fluorescein angiogram sequences using bilateral fi**
Xiao-Xin Guo; Yi-Nan Lu; Zhi-Wen Xu; Zhan-Hui Liu; Yun-Xiao Wang; Yun-Jie
Machine Learning and Cybernetics, 2005. Proceedings of 2005 International C
Volume 9, 18-21 Aug. 2005 Page(s):5366 - 5371 Vol. 9
Digital Object Identifier 10.1109/ICMLC.2005.1527892
[AbstractPlus](#) | Full Text: [PDF\(520 KB\)](#) IEEE CNF
[Rights and Permissions](#)

- ☐ **14. Fast bilateral filter for edge-preserving smoothing**
Guarnieri, G.; Marsi, S.; Ramponi, G.;
Electronics Letters
Volume 42, Issue 7, 30 March 2006 Page(s):396 - 397
Digital Object Identifier 10.1049/el:20064369
[AbstractPlus](#) | Full Text: [PDF\(64 KB\)](#) IEE JNL

- ☐ **15. A new bilateral mesh smoothing method by recognizing features**
Shimizu, T.; Date, H.; Kanai, S.; Kishinami, T.;
Computer Aided Design and Computer Graphics, 2005. Ninth International Co
7-10 Dec. 2005 Page(s):6 pp.
Digital Object Identifier 10.1109/CAD-CG.2005.10
[AbstractPlus](#) | Full Text: [PDF\(328 KB\)](#) IEEE CNF
[Rights and Permissions](#)

- ☐ **16. Enhanced real-time stereo using bilateral filtering**
Ansar, A.; Castano, A.; Matthies, L.;
3D Data Processing, Visualization and Transmission, 2004. 3DPVT 2004. Pro
International Symposium on
6-9 Sept. 2004 Page(s):455 - 462
Digital Object Identifier 10.1109/TDPVT.2004.1335273
[AbstractPlus](#) | Full Text: [PDF\(736 KB\)](#) IEEE CNF
[Rights and Permissions](#)

- ☐ **17. Channel smoothing: efficient robust smoothing of low-level signal featur**
Felsberg, M.; Forssen, P.-E.; Scharr, H.;
Pattern Analysis and Machine Intelligence, IEEE Transactions on
Volume 28, Issue 2, Feb. 2006 Page(s):209 - 222
Digital Object Identifier 10.1109/TPAMI.2006.29
[AbstractPlus](#) | Full Text: [PDF\(2912 KB\)](#) IEEE JNL
[Rights and Permissions](#)

- ☐ **18. Feature-preserving mesh denoising via bilateral normal filtering**
Kai-Wah Lee; Wen-Ping Wang;
Computer Aided Design and Computer Graphics, 2005. Ninth International Co
7-10 Dec. 2005 Page(s):6 pp.
Digital Object Identifier 10.1109/CAD-CG.2005.40
[AbstractPlus](#) | Full Text: [PDF\(488 KB\)](#) IEEE CNF
[Rights and Permissions](#)

- ☐ **19. Trilateral filtering for biomedical images**
Wong, W.C.K.; Chung, A.C.S.; Yu, S.C.H.;
Biomedical Imaging: Macro to Nano, 2004. IEEE International Symposium on
15-18 April 2004 Page(s):820 - 823 Vol. 1
Digital Object Identifier 10.1109/ISBI.2004.1398664
[AbstractPlus](#) | Full Text: [PDF\(585 KB\)](#) IEEE CNF
[Rights and Permissions](#)

- ☐ **20. The staircasing effect in neighborhood filters and its solution**
Buades, A.; Coll, B.; Morel, J.-M.;

[Image Processing, IEEE Transactions on](#)
Volume 15, Issue 6, June 2006 Page(s):1499 - 1505
Digital Object Identifier 10.1109/TIP.2006.871137
[AbstractPlus](#) | Full Text: [PDF](#)(1608 KB) [IEEE JNL](#)
[Rights and Permissions](#)

- ☐ **21. Virtual camerawork for generating lecture video from high resolution ima**
Yokoi, T.; Fujiyoshi, H.;
[Multimedia and Expo, 2005. ICME 2005. IEEE International Conference on](#)
6-8 July 2005 Page(s):4 pp.
Digital Object Identifier 10.1109/ICME.2005.1521532
[AbstractPlus](#) | Full Text: [PDF](#)(584 KB) [IEEE CNF](#)
[Rights and Permissions](#)

- ☐ **22. Electron microscope tomography of cells and tissues: studying the 3D si**
molecular machines at molecular resolution
Aucr, M.;
[Computational Systems Bioinformatics Conference, 2005. Workshops and Po](#)
[IEEE](#)
8-11 Aug. 2005 Page(s):339
Digital Object Identifier 10.1109/CSBW.2005.61
[AbstractPlus](#) | Full Text: [PDF](#)(69 KB) [IEEE CNF](#)
[Rights and Permissions](#)

- ☐ **23. On the equivalence of local-mode finding, robust estimation and mean-sl**
used in early vision tasks
van den Boomgaard, R.; van de Weijer, J.;
[Pattern Recognition, 2002. Proceedings. 16th International Conference on](#)
Volume 3, 11-15 Aug. 2002 Page(s):927 - 930 vol.3
Digital Object Identifier 10.1109/ICPR.2002.1048187
[AbstractPlus](#) | Full Text: [PDF](#)(351 KB) [IEEE CNF](#)
[Rights and Permissions](#)

- ☐ **24. Fast Edge-Preserved Postprocessing for Compressed Images**
Wang, C.; Xue, P.; Lin, W.; Zhang, W.; Yu, S.;
[Circuits and Systems for Video Technology, IEEE Transactions on](#)
Volume 16, Issue 9, Sept. 2006 Page(s):1142 - 1147
Digital Object Identifier 10.1109/TCSVT.2006.880187
[AbstractPlus](#) | Full Text: [PDF](#)(968 KB) [IEEE JNL](#)
[Rights and Permissions](#)

- ☐ **25. Optimal Spatial Adaptation for Patch-Based Image Denoising**
Kervrann, C.; Boulanger, J.;
[Image Processing, IEEE Transactions on](#)
Volume 15, Issue 10, Oct. 2006 Page(s):2866 - 2878
Digital Object Identifier 10.1109/TIP.2006.877529
[AbstractPlus](#) | Full Text: [PDF](#)(11048 KB) [IEEE JNL](#)
[Rights and Permissions](#)